

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Norifumi HASEGAWA

Serial No.: 10/509,752

Filed: September 30, 2004

For: MIXED CONDUCTOR

)
) Examiner: Khanh T. Nguyen
)
) Art Unit: 1751
)
) Confirmation No.: 8308
)
)
)

INFORMATION DISCLOSURE STATEMENT - 37 CFR 1.97(c)

COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, VA 22313-1450

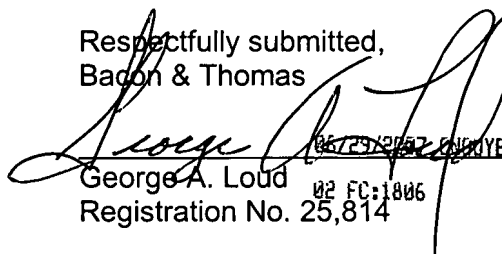
Sir:

It is respectfully requested that the examiner consider and cite of record the documents listed on the attached, copies of which are submitted herewith. Published English language abstracts for each of the Japanese documents are also submitted herewith.

Seven of the eight Japanese documents listed here are the same as those discussed as "Background" at Page 2 of applicants' specification, which teaching should be accepted as the "Concise explanation of the relevance" required by 37 CFR 1.98(a)(3)(i). The exception is Japanese Kokai 2003-100316.

A check in the amount of \$180.00 is submitted herewith to cover the fee required by 37 CFR 1.17(p).

Respectfully submitted,
Bacon & Thomas


George A. Loud
Registration No. 25,814

06/29/2007 09:00:00 00000063 10509752

02 FC:1806

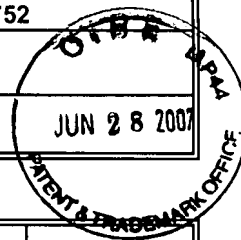
180.00 0P

Date: June 28, 2007

Customer Number **23364**

Telephone: 703-683-0500

B/O Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	Atty. Docket Number HASE3004	Serial Number 10/509,752
	Applicant Norifumi HASEGAWA	
	Filing Date September 30, 2004	Group



U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclass	Filing Date if Appropriate
	2002/0110725	8/15/2002	YAMAURA et al	429	44	
	US-5,573,648	11-1996	Shen et al.	204	412	
	US-2005,0104045	5-2005	Hasegawa, Norifumi	252	500	
	US-2002/0192538	12-2002	Tanahashi et al.	429	44	
	US-4,642,664	2-1987	Goldberg et al.	257	1	
	US-4,804,592	2-1989	Vanderborgh et al.	429	33	
	US-4,911,803	3-1990	Kunz, Harold R.	205	764	
	US-6,187,157	2-2001	Chen et al.	204	296	
	WO/2000/045447	3/8/2000	Haile et al.			

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
	2001-202971	7/27/2001	Japan			Abs	
	2001-110428	4/20/2001	Japan			Abs	
	2003-68321	3/7/2003	Japan			Abs	
	1998-255832	9/25/1998	Japan			Abs	

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

	Hawley's Condensed Chemical Dictionary, 11 th Ed, pages 12 and 219

Examiner	Date Considered
----------	-----------------

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

B/O Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	Atty. Docket Number HASE3004	Serial Number 10/509,752
	Applicant Norifumi HASEGAWA	
	Filing Date September 30, 2004	Group

U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclass	Filing Date if Appropriate
	US-4,725,422	2-1988	Miyabayashi et al.	257	1	

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
	1999-335165	12/7/1999	JAPAN			Abs	
	2000-251533	9/14/2000	JAPAN			Abs	
	2000-188117	7/4/2000	JAPAN			Abs	
	2003-100316	4/4/2003	JAPAN			Abs	

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

Examiner	Date Considered
----------	-----------------

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.